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CENTRAL INTELLIGENCE AGENCY

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2. The power output, power demands, and surplus power of the North Korean power stations are as follows:

Supong Power Station

Maximum output: 400,000 KVA (?)
 Power demands :
 20,000 KVA - Taedasado Transformer Station
 (124-26, 39-48)
 150,000 KVA - Nampo Transformer Station
 20,000 KVA - Chonsu Factory in Sinuiju
 80,000 KVA - Manchuria
 Surplus power : 130,000 KVA

Changjin River Power Station

Maximum output: 250,000 KVA
 Power demands : 220,000 KVA - Hungnam People's Factory
 10,000 KVA - Wonsan Distributing Station
 20,000 KVA - Ansan Transformer Station
 (128-20, 39-08)
 Surplus power : None

Pujon River Power Station (127-33, 40-43)

Maximum output: 180,000 KVA
 Power demands : 180,000 KVA - Hungnam People's Factory
 Surplus power : None

Hochon River Power Station

Maximum output: 380,000 KVA
 Power demands : 50,000 KVA - Hungnam People's Factory
 20,000 KVA - Kilchu Transformer Station
 (129-20, 40-57)
 90,000 KVA - Yungung Transformer Station
 (Approximate location 129-50, 41-45)
 20,000 KVA - Aojidong Transformer Station
 (130-25, 42-30)
 10,000 KVA - Tanchon Distributing Station**
 (128-55, 40-25)
 Surplus power : 190,000 KVA

Mt. Kumgang Power Station (128-20, 38-40)

Maximum output: 10,000 KVA
 Power demands : 10,000 KVA - Wonsan Distributing Station
 Surplus power : None

Hwachon Power Station (127-45, 38-05)

Maximum output: 60,000 KVA
 Power demands : 10,000 KVA - Wonsan Distributing Station
 Surplus power : 50,000 KVA

Total maximum power output of installations shown above: 1,280,000 KVA***
 Total power consumed: 910,000 KVA
 Surplus power : 370,000 KVA

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Comment. there originally were six 100,000 KVA generators at Supong. Two of the generators were dismantled and removed by the Soviets.

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Comment. there were originally seven units, comprising water turbines, generators and step-up transformers; after the plant was stripped by the Soviets, only three complete units were left in operating condition.

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Comment. This installation does not appear on the attached map.

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Comment. It should be remembered in comparing this figure of 1,280,000 to other estimates of the total power output that the figure given here is KVA and that this figure will be higher than ratings expressed in kilowatts by a varying percentage of 10-20 percent - the power factor.

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LEGEND

220 KV Transmitting lines(steel tower)

110 " " " " "

154 " " " " "

66 " " " " "

Water Power Station

Over 110 KV Power Station

Approx. 66 KV Power Station

Scale

1: 3,000,000

42o

128o

130o

Hamyang

Hunyang

Hangsang

Hoji-dong

Hoeryong

Puryong

Yusung

Ch'ongjin

42o

Linchiang

Changpai

Yongpung

Hyesanjin

Manpochin

Kangkye

Hongkoon

Kilchu

Pushon R.
Power stationChangjin River
Power station

Sue'ung

Changsoo

Antung

Sinuiju

Tae-
dasa-do

Unsan

Hamhung

Yongwon

Hungnam

40o

Sinanju

Changin-ni

Munpyong

Yangdok

Wonsan

Pyongyang

Chinnampo

Sariwon

Kumkang

Namchoijom

Haeju

Kaesong

Hwachon

38o

SEOUL

126o

128o

130o

36o

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